

Pollution Inventory reporting form

Yearly releases to air, controlled waters, land and off-site transfers in wastewater and waste



Environment
Agency

Environmental Permitting (England and Wales) Regulations 2010, Regulation 60 (1)

Electronic reporting

We recommend that you fill in your Pollution Inventory return using our web-based reporting system. This system can check the information you provide for mistakes, automatically fill in standard fields and allow you to look at information you have given in previous years. To use this system, follow the links to electronic reporting from the Pollution Inventory homepage on our website at www.environment-agency.gov.uk/pi.

Who needs to fill in this form?

This form is for operators of waste landfills and intensive agriculture facilities holding an environmental permit (part A(1)) and regulated by us. You must send us the forms by 28 February at the end of each reporting year. Please see our website for more information on these requirements.

We issue this form to collect information from you on the quantities of substances released to the environment and the waste you transfer off site.

We have introduced a voluntary section to report on the resources you use. (This is only voluntary if you are an operator of a waste landfill or intensive agriculture facility.)

Once we have collected and processed the information, we publish it on our website.

Format of the PI form

The form has nine parts:

- Part 1 About you and the site
- Part 2 Releases to air
- Part 3 Releases to land
- Part 4 Releases to controlled waters
- Part 5 Off-site transfers in wastewater
- Part 6 Off-site waste transfers
- Part 7 Overseas waste transfers
- Part 8 Resource efficiency
- Part 9 Qualification and declaration.

How to fill in the form

Everyone must fill in part 1. Then fill in the other parts of the form that apply to you. Finally, fill in the qualification notes and the declaration on page 16.

Whichever way you send us the information, make sure you keep a copy for your own records.

To fill in this form you'll need:

- details of your chemical releases to the environment;
- details of your chemical transfers in wastewater;
- details of your waste transfers;
- Pollution Inventory reporting guidance;
- the Pollution Inventory reporting codes document; and
- relevant guidance notes specific to your sector (if available).

You can find the guidance and codes documents on our website at www.environment-agency.gov.uk/pi/ or ask your local Environment Agency office for copies.

You will also find a list of local offices on our website at www.environment-agency.gov.uk or call 03708 506 506.

When you fill in the reporting form:

- your **total release figure** should include fugitive and notifiable releases (if the total release figure is below the reporting threshold, report it as 'brt');
- you must provide a separate figure for any **notifiable releases and transfers** if you hold a permit which says you must give us notice specifically; and
- write 'n/a' (not applicable) against substances you do not release.

How to contact us

If you need help filling in the form, please contact the person who sent you it or call our general enquiries number shown below.

General enquiries: 03708 506 506 (Monday to Friday 8am to 6pm)

Textphone: 03702 422549 (Monday to Friday 8am to 6pm)

Email: pollution.inventory@environment-agency.gov.uk

Website: www.environment-agency.gov.uk

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.

Confidentiality

If you think that some of the information on this form is confidential:

- tick the box in the section below;
- tick the confidentiality box next to the appropriate items; and
- list any supporting documents on the form.

We will make a decision on your claim for confidentiality within 20 days from the date of your application or within a later period if we agree.

If you do not enclose a written justification for each item included in the confidentiality claim, we are likely to reject it straight away.

I am enclosing documents to prove that:

some of the information is confidential. I have ticked the appropriate boxes on the form. ☐

Please list the documents you are including to support your claim. Continue on a separate sheet if you need to.

Part 1 About you and the site**1.1 Calendar year this report covers**

1.2 Authorisation, licence or permit number

1.3 Operator's details

Operator's name – Authorisation, licence or permit holder

Site name

Site address

Postcode **1.4 Contact details**Title (Mr, Mrs, Miss and so on) First name Last name

Position

Contact numbers, including the area code

Phone Fax Mobile Email

1.5 NACE and NOSE-P codes

NACE codes refer to your main economic activity. NOSE-P codes refer to release sources. See the associated guidance notes for specific codes.

- Four-figure NACE code for your main economic activity

- Five-figure NOSE-P code for the main polluting process carried out on site

- Other relevant NOSE-P codes for other polluting processes on the site

Part 1 About you and the site, continued**1.6 E-PRTR codes**

E-PRTR codes refer to your main activity. See the associated guidance notes for specific codes. If none of the codes apply to your installations, please enter 'not applicable'.

Main E-PRTR code

Other relevant E-PRTR codes

You do not have to answer the next three questions if you do not want to.

1.7 On 31 December of the reporting year, how many staff did you have?

1.8 How long was your site operational for during the reporting year?
 hours
1.9 Please give your email or website address for enquiries from the public.Email

Website

Part 2 Releases to air

If there is not enough space in the Detailed method column, please continue on a separate sheet.

Reportable = You must report this when the total threshold amount of CO₂ released is above 10million kg

Total releases column:
n/a = not applicable
brt = below reporting threshold

Releases = annual mass of substance

Please see the guidance notes for more information about:

- method M, C, E (measurement, calculation, estimation)
- notifiable releases
- detailed method

Metric units allowable are:

- kt = kilotonnes
- t = tonnes
- kg = kilogrammes
- g = grammes
- mg = milligrammes

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Total releases (including notifiable releases) | | | | Notifiable releases | |
|------------|---|----------------------------------|--|----------------|---------------------|-----------------|---------------------|----------------|
| | | | n/a, brt or releases | Metric unit | Method M, C or E | Detailed method | Releases only | Metric unit |
| Inorganics | | | | | | | | |
| 7664-41-7 | Ammonia | 1,000 | | | | | | |
| 1332-21-4 | Asbestos | 1 | | | | | | |
| 124-38-9 | Carbon dioxide | 10,000,000 | | | | | | |
| 124-38-9 | Carbon dioxide from qualifying renewable fuel source (reportable) | | | | | | | |
| 630-08-0 | Carbon monoxide | 100,000 | | | | | | |
| 74-90-8 | Hydrogen cyanide | 100 | | | | | | |
| 10024-97-2 | Nitrous oxide | 10,000 | | | | | | |
| 2551-62-4 | Sulphur hexafluoride | 10 | | | | | | |
| Organics | | | | | | | | |
| 309-00-2 | Aldrin | 1 | | | | | | |
| 120-12-7 | Anthracene | 10 | | | | | | |
| 71-43-2 | Benzene | 1,000 | | | | | | |
| 50-32-8 | Benzo(a)pyrene | 1 | | | | | | |
| 205-99-2 | Benzo(b)fluoranthene | 1 | | | | | | |
| 207-08-9 | Benzo(k)fluoranthene | 1 | | | | | | |
| 106-99-0 | Butadiene (1,3-Butadiene) | 100 | | | | | | |
| 56-23-5 | Carbon tetrachloride (Tetrachloromethane) | 10 | | | | | | |
| 57-74-9 | Chlordane | 1 | | | | | | |
| 143-50-0 | Chlordecone | 1 | | | | | | |
| 67-66-3 | Chloroform (Trichloromethane) | 100 | | | | | | |
| 50-29-3 | Dichlorodiphenyltrichloroethane (DDT) | 1 | | | | | | |
| 75-09-2 | Dichloromethane (DCM) (Methylene chloride) | 1,000 | | | | | | |
| 60-57-1 | Dieldrin | 1 | | | | | | |
| 117-81-7 | Di(2-ethylhexyl)phthalate (DEHP) | 10 | | | | | | |
| 72-20-8 | Endrin | 1 | | | | | | |
| 107-06-2 | Ethylene dichloride (1,2-Dichloroethane) | 1,000 | | | | | | |
| 75-21-8 | Ethylene oxide (1,2-Epoxyethane) | 1,000 | | | | | | |
| 76-44-8 | Heptachlor | 1 | | | | | | |
| 36355-1-8 | Hexabromobiphenyl | 0.1 | | | | | | |
| 118-74-1 | Hexachlorobenzene | 1 | | | | | | |
| 608-73-1 | Hexachlorocyclohexane – all isomers | 1 | | | | | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | | | | | | |
| 58-89-9 | Lindane | 1 | | | | | | |
| 74-82-8 | Methane | 10,000 | | | | | | |
| 71-55-6 | Methyl chloroform (1,1,1-Trichloroethane) | 10 | | | | | | |

Part 2 Releases to air, continued

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Total releases (including notifiable releases) | | | Detailed method | Notifiable releases | |
|--|---|----------------------------------|--|----------------|---------------------|-----------------|---------------------|----------------|
| | | | n/a, brt or releases | Metric unit | Method M, C or E | | Releases only | Metric unit |
| 2385-85-5 | Mirex | 1 | | | | | | |
| 91-20-3 | Naphthalene | 100 | | | | | | |
| 608-93-5 | Pentachlorobenzene | 1 | | | | | | |
| 87-86-5 | Pentachlorophenol | 1 | | | | | | |
| 79-34-5 | Tetrachloroethane (1,1,2,2-Tetrachloroethane) | 10 | | | | | | |
| 127-18-4 | Tetrachloroethylene | 100 | | | | | | |
| 8001-35-2 | Toxaphene | 1 | | | | | | |
| 12002-48-1 | Trichlorobenzene – all isomers | 1 | | | | | | |
| 79-01-6 | Trichloroethylene | 1,000 | | | | | | |
| 75-01-4 | Vinyl chloride | 1,000 | | | | | | |
| Metals and compounds reported as mass of the metal | | | | | | | | |
| 7440-38-2 | Arsenic | 1 | | | | | | |
| 7440-43-9 | Cadmium | 1 | | | | | | |
| 7440-47-3 | Chromium | 10 | | | | | | |
| 7440-50-8 | Copper | 10 | | | | | | |
| 7439-92-1 | Lead | 100 | | | | | | |
| 7439-97-6 | Mercury | 1 | | | | | | |
| 7440-02-0 | Nickel | 10 | | | | | | |
| 7782-49-2 | Selenium | 100 | | | | | | |
| 7440-66-6 | Zinc | 100 | | | | | | |
| Other substance groups reported as total mass unless we say otherwise | | | | | | | | |
| Chlorine and inorganic compounds – as HCl | | 10,000 | | | | | | |
| Chlorofluorocarbons (CFCs) | | 1 | | | | | | |
| Dioxins and furans (PCDDs/PCDFs) – as I-TEQ | | 0.00001 | | | | | | |
| Dioxins and furans (PCDDs/PCDFs) – as WHO-TEQ | | 0.00001 | | | | | | |
| Fluorine and inorganic compounds – as HF | | 1,000 | | | | | | |
| Halon | | 1 | | | | | | |
| Hydrochlorofluorocarbons (HCFCs) | | 1 | | | | | | |
| Hydrofluorocarbons (HFCs) | | 100 | | | | | | |
| Nitrogen oxides – NO and NO ₂ as NO ₂ | | 100,000 | | | | | | |
| Non-methane volatile organic compounds (NMVOCs) | | 10,000 | | | | | | |
| Particulate matter – PM _{2.5} | | 1,000 | | | | | | |
| Particulate matter – PM ₁₀ | | 1,000 | | | | | | |
| Particulate matter – total | | 10,000 | | | | | | |
| Perfluorocarbons (PFCs) | | 10 | | | | | | |
| Polychlorinated biphenyls (PCBs) | | 0.1 | | | | | | |
| Polychlorinated biphenyls (PCBs) – as WHO TEQ | | 0.00001 | | | | | | |
| Sulphur oxides – SO ₂ and SO ₃ as SO ₂ | | 100,000 | | | | | | |

Part 3 Releases to land

If there is not enough space the Detailed method column, please continue on a separate sheet.

Total releases column:
n/a = not applicable
brt = below reporting threshold
Releases = annual mass of substance

Please see the guidance notes for more information about:

- method M, C, E (measurement, calculation, estimation)
- notifiable releases
- detailed method

Metric units allowable are:

- kt = kilotonnes
- t = tonnes
- kg = kilogrammes
- g = grammes
- mg = milligrammes

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Total releases (including notifiable releases) | | | | Notifiable releases | |
|------------|---|----------------------------------|--|----------------|---------------------|-----------------|---------------------|----------------|
| | | | n/a, brt or releases | Metric unit | Method M, C or E | Detailed method | Releases only | Metric unit |
| Inorganics | | | | | | | | |
| 1332-21-4 | Asbestos | 1 | | | | | | |
| Organics | | | | | | | | |
| 15972-60-8 | Alachlor | 1 | | | | | | |
| 309-00-2 | Aldrin | 1 | | | | | | |
| 120-12-7 | Anthracene | 1 | | | | | | |
| 1912-24-9 | Atrazine | 1 | | | | | | |
| 71-43-2 | Benzene | 200 (combined threshold) | | | | | | |
| 50-32-8 | Benzo(a)pyrene | 1 | | | | | | |
| 205-99-2 | Benzo(b)fluoranthene | 1 | | | | | | |
| 207-08-9 | Benzo(k)fluoranthene | 1 | | | | | | |
| 57-74-9 | Chlordane | 1 | | | | | | |
| 143-50-0 | Chlordecone | 1 | | | | | | |
| 470-90-6 | Chlorfenvinphos | 1 | | | | | | |
| 2921-88-2 | Chlorpyrifos | 1 | | | | | | |
| 50-29-3 | Dichlorodiphenyltrichloroethane (DDT) | 1 | | | | | | |
| 75-09-2 | Dichloromethane (DCM) (Methylene chloride) | 10 | | | | | | |
| 60-57-1 | Dieldrin | 1 | | | | | | |
| 117-81-7 | Di(2-ethylhexyl)phthalate (DEHP) | 1 | | | | | | |
| 330-54-1 | Diuron | 1 | | | | | | |
| 115-29-7 | Endosulfan | 1 | | | | | | |
| 72-20-8 | Endrin | 1 | | | | | | |
| 100-41-4 | Ethyl benzene | 200 (combined threshold) | | | | | | |
| 107-06-2 | Ethylene dichloride (1,2-Dichloroethane) | 10 | | | | | | |
| 75-21-8 | Ethylene oxide (1,2-Epoxyethane) | 10 | | | | | | |
| 76-44-8 | Heptachlor | 1 | | | | | | |
| 36355-1-8 | Hexabromobiphenyl | 0.1 | | | | | | |
| 118-74-1 | Hexachlorobenzene | 1 | | | | | | |
| 87-68-3 | Hexachlorobutadiene | 1 | | | | | | |
| 608-73-1 | Hexachlorocyclohexane (HCH) – all isomers | 1 | | | | | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1 | | | | | | |
| 34123-59-6 | Isoproturon | 1 | | | | | | |
| 58-89-9 | Lindane | 1 | | | | | | |
| 2385-85-5 | Mirex | 1 | | | | | | |
| 91-20-3 | Naphthalene | 10 | | | | | | |
| 608-93-5 | Pentachlorobenzene | 1 | | | | | | |
| 87-86-5 | Pentachlorophenol | 1 | | | | | | |

Part 3 Releases to land, continued

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Total releases (including notifiable releases) | | | Detailed method | Notifiable releases | |
|---|---|----------------------------------|--|----------------|---------------------|-----------------|---------------------|----------------|
| | | | n/a, brt or releases | Metric unit | Method M, C or E | | Releases only | Metric unit |
| 122-34-9 | Simazine | 1 | | | | | | |
| 108-88-3 | Toluene 200 (combined threshold) | | | | | | | |
| 8001-35-2 | Toxaphene | 1 | | | | | | |
| 1582-09-8 | Trifluralin | 1 | | | | | | |
| 75-01-4 | Vinyl chloride | 10 | | | | | | |
| 1330-20-7 | Xylene – all isomers 200 (combined threshold) | | | | | | | |
| Metals and compounds reported as mass of the metal | | | | | | | | |
| 7440-38-2 | Arsenic | 5 | | | | | | |
| 7440-43-9 | Cadmium | 5 | | | | | | |
| 7440-47-3 | Chromium | 50 | | | | | | |
| 7440-50-8 | Copper | 50 | | | | | | |
| 7439-92-1 | Lead | 20 | | | | | | |
| 7439-97-6 | Mercury | 1 | | | | | | |
| 7440-02-0 | Nickel | 20 | | | | | | |
| 7440-66-6 | Zinc | 100 | | | | | | |
| Other substance groups reported as total mass unless otherwise stated | | | | | | | | |
| Brominated diphenylethers – penta, octa and deca | | 1 | | | | | | |
| Chlorides – as Cl | | 2,000,000 | | | | | | |
| Cyanides – as CN | | 50 | | | | | | |
| Dioxins and furans (PCDDs/PCDFs) – as I-TEQ | | 0.0001 | | | | | | |
| Dioxins and furans (PCDDs/PCDFs) – as WHO-TEQ | | 0.0001 | | | | | | |
| Fluorides – as F | | 2,000 | | | | | | |
| Halogenated organic compounds – as AOX | | 1,000 | | | | | | |
| Nitrogen | | 50,000 | | | | | | |
| Nonylphenol and nonylphenol ethoxylates | | 1 | | | | | | |
| Organotin compounds – as Sn | | 50 | | | | | | |
| Phenols – phenol and simple substituted – as C | | 20 | | | | | | |
| Phosphorus | | 5,000 | | | | | | |
| Polychlorinated biphenyls (PCBs) | | 0.1 | | | | | | |
| Polychlorinated biphenyls (PCBs) – as WHO-TEQ | | 0.0001 | | | | | | |
| Short chain (C10-C13) chlorinated paraffins (SCCPs) | | 1 | | | | | | |
| Tributyltin and compounds – as TBT | | 1 | | | | | | |
| Triphenyltin and compounds – as TPT | | 1 | | | | | | |

Part 4 Releases to controlled waters

If there is not enough space in the Detailed method column, please continue on a separate sheet.

Total releases column:
n/a = not applicable
brt = below reporting threshold
Releases = annual mass of substance

Please see the guidance notes for more information about:

- media G, R, E or S (groundwater, river, estuary or sea)
- method M, C, E (measurement, calculation, estimation)
- notifiable releases
- detailed method

Metric units allowable are:

- kt = kilotonnes
- t = tonnes
- kg = kilogrammes
- g = grammes
- mg = milligrammes

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Media G, R, E or S | Total releases (including notifiable releases) | | | Method M, C or E | Detailed method | Notifiable releases | |
|------------|---|----------------------------------|--------------------------|--|----------------|------------------|---------------------|-----------------|---------------------|--|
| | | | | n/a, brt or release | Metric unit | Releases only | | | Metric unit | |
| Inorganics | | | | | | | | | | |
| 1332-21-4 | Asbestos | 0.1 | | | | | | | | |
| Organics | | | | | | | | | | |
| 74070-46-5 | Aclonifen | To be advised | | | | | | | | |
| 15792-60-8 | Alachlor | 0.1 | | | | | | | | |
| 309-00-2 | Aldrin | 0.0005 | | | | | | | | |
| 120-12-7 | Anthracene | 0.1 | | | | | | | | |
| 1912-24-9 | Atrazine | 0.05 | | | | | | | | |
| 71-43-2 | Benzene | 10 | | | | | | | | |
| 50-32-8 | Benzo(a)pyrene | 1 | | | | | | | | |
| 205-99-2 | Benzo(b)fluoranthene | 1 | | | | | | | | |
| 191-24-2 | Benzo(g,h,i)perylene | 0.1 | | | | | | | | |
| 207-08-9 | Benzo(k)fluoranthene | 1 | | | | | | | | |
| 42576-02-3 | Bifenox | To be advised | | | | | | | | |
| 56-23-5 | Carbon tetrachloride (Tetrachloromethane) | 1 | | | | | | | | |
| 57-74-9 | Chlordane | 0.1 | | | | | | | | |
| 143-50-0 | Chlordecone | 0.1 | | | | | | | | |
| 470-90-6 | Chlorfenvinphos | 0.1 | | | | | | | | |
| 67-66-3 | Chloroform (Trichloromethane) | 5 | | | | | | | | |
| 2921-88-2 | Chlorpyrifos | 0.1 | | | | | | | | |
| 28159-98-0 | Cybutryne | To be advised | | | | | | | | |
| 52315-07-8 | Cypermethrin | 0.005 | | | | | | | | |
| 50-29-3 | Dichlorodiphenyltrichloroethane (DDT) | 0.0005 | | | | | | | | |
| 75-09-2 | Dichloromethane (DCM) (Methylene chloride) | 10 | | | | | | | | |
| 62-73-7 | Dichlorvos | To be advised | | | | | | | | |
| 15307-86-5 | Diclofenac | To be advised | | | | | | | | |
| 115-32-2 | Dicofol | To be advised | | | | | | | | |
| 60-57-1 | Dieldrin | 0.0005 | | | | | | | | |
| 117-81-7 | Di(2-ethylhexyl)phthalate (DEHP) | 0.1 | | | | | | | | |
| 330-54-1 | Diuron | 0.05 | | | | | | | | |
| 115-29-7 | Endosulfan | 0.0005 | | | | | | | | |
| 72-20-8 | Endrin | 0.0005 | | | | | | | | |
| 50-28-2 | 17-beta-estradiol (E2) | To be advised | | | | | | | | |
| 57-63-6 | 17-alpha-ethinylestradiol (EE2) | To be advised | | | | | | | | |

Part 4 Releases to controlled waters, continued

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Media G, R, E or S | Total releases (including notifiable releases) | | | Method M, C or E | Detailed method | Notifiable releases | |
|--|---|----------------------------------|--------------------------|--|----------------|--|---------------------|-----------------|---------------------|----------------|
| | | | | n/a, brt or release | Metric unit | | | | Releases only | Metric unit |
| 100-41-4 | Ethyl benzene | 10 | | | | | | | | |
| 107-06-2 | Ethylene dichloride (1,2-Dichloroethane) | 10 | | | | | | | | |
| 75-21-8 | Ethylene oxide (1,2-Epoxyethane) | 1 | | | | | | | | |
| 206-44-0 | Fluoranthene | 0.1 | | | | | | | | |
| 76-44-8 | Heptachlor (and heptachlor epoxide) | 0.1 | | | | | | | | |
| 36355-1-8 | Hexabromobiphenyl | 0.1 | | | | | | | | |
| 25637-99-4 | Hexabromocyclododecane | 0.1 | | | | | | | | |
| 118-74-1 | Hexachlorobenzene | 0.01 | | | | | | | | |
| 87-68-3 | Hexachlorobutadiene | 0.1 | | | | | | | | |
| 608-73-1 | Hexachlorocyclohexane – all isomers | 0.01 | | | | | | | | |
| 465-73-6 | Isodrin | 0.0005 | | | | | | | | |
| 34123-59-6 | Isoproturon | 0.01 | | | | | | | | |
| 58-89-9 | Lindane | 0.1 | | | | | | | | |
| 2385-85-5 | Mirex | 0.1 | | | | | | | | |
| 91-20-3 | Naphthalene | 1 | | | | | | | | |
| 608-93-5 | Pentachlorobenzene | 0.1 | | | | | | | | |
| 85-86-5 | Pentachlorophenol | 0.05 | | | | | | | | |
| 1763-23-1 | Perfluorooctane sulphonic acid and its derivatives (PFOS) | 0.1 | | | | | | | | |
| 124495-18-7 | Quinoxifen | To be advised | | | | | | | | |
| 122-34-9 | Simazine | 0.01 | | | | | | | | |
| 886-50-0 | Terbutryn | To be advised | | | | | | | | |
| 127-18-4 | Tetrachlorethylene | 1 | | | | | | | | |
| 108-88-3 | Toluene | 10 | | | | | | | | |
| 8001-35-2 | Toxaphene | 0.1 | | | | | | | | |
| 12002-48-1 | Trichlorobenzene – all isomers | 0.01 | | | | | | | | |
| 79-01-6 | Trichloroethylene | 1 | | | | | | | | |
| 1582-09-8 | Trifluralin | 0.001 | | | | | | | | |
| 75-01-4 | Vinyl chloride | 1 | | | | | | | | |
| 1330-20-7 | Xylene – all isomers | 10 | | | | | | | | |
| Metals and compounds reported as mass of the metal | | | | | | | | | | |
| 7440-38-2 | Arsenic | 5 | | | | | | | | |
| 7440-43-9 | Cadmium | 1 | | | | | | | | |
| 7440-47-3 | Chromium | 20 | | | | | | | | |
| 7440-50-8 | Copper | 20 | | | | | | | | |
| 7439-89-6 | Iron (FOR WALES ONLY) | 1000 | | | | | | | | |
| 7439-92-1 | Lead | 20 | | | | | | | | |
| 7439-97-6 | Mercury | 0.1 | | | | | | | | |
| 7440-02-0 | Nickel | 20 | | | | | | | | |
| 7440-66-6 | Zinc | 100 | | | | | | | | |

Part 4 Releases to controlled waters, continued

| CAS number | Substance | Reporting thresholds | Media | Total releases (including notifiable releases) | | | Notifiable releases | | |
|---|---|----------------------|--------------|--|-------------|--------|---------------------|---------------|-------------|
| | Common name (Alternative name) | in kg | G, R, E or S | n/a, brt or release | Metric unit | Method | Detailed method | Releases only | Metric unit |
| Other substance groups – reported as total mass unless otherwise stated | | | | | | | | | |
| | Brominated diphenylethers – tetra-, penta-, hexa-, hepta-, octa- and deca-BDE | 0.1 | | | | | | | |
| | Chlorides – as Cl | 2,000,000 | | | | | | | |
| | Cyanides – as CN | 50 | | | | | | | |
| | Dioxins and furans (PCDDs/PCDFs) – as I-TEQ | 0.0001 | | | | | | | |
| | Dioxins and furans (PCDDs/PCDFs) – as WHO-TEQ | 0.0001 | | | | | | | |
| | Fluorides – as F | 2,000 | | | | | | | |
| | Halogenated organic compounds – as AOX | 1,000 | | | | | | | |
| | Nitrogen | 50,000 | | | | | | | |
| | Nonylphenols and nonylphenol ethoxylates | 1 | | | | | | | |
| | Octylphenols and octylphenol ethoxylates | 1 | | | | | | | |
| | Organotin compounds – as Sn | 5 | | | | | | | |
| | Phenols – phenol and simple substituted – as C | 20 | | | | | | | |
| | Phosphorus | 5,000 | | | | | | | |
| | Polychlorinated biphenyls (PCBs) | 0.001 | | | | | | | |
| | Polychlorinated biphenyls (PCBs) – as WHO-TEQ | 0.0001 | | | | | | | |
| | Short chain (C10-C13) chlorinated paraffins (SCCPs) | 0.1 | | | | | | | |
| | Total organic carbon (TOC) | 50,000 | | | | | | | |
| | Tributyltin and compounds – as TBT | 0.005 | | | | | | | |
| | Triphenyltin and compounds – as TPT | 0.1 | | | | | | | |

Part 5 Off-site transfers in wastewater

If there is not enough space in the Detailed method column, please continue on a separate sheet.

Total releases column:
n/a = not applicable
brt = below reporting threshold
Releases = annual mass of substance

Please see the guidance notes for more information about:

- method M, C, E (measurement, calculation, estimation)
- notifiable releases
- detailed method

Metric units allowable are:

- kt = kilotonnes
- t = tonnes
- kg = kilogrammes
- g = grammes
- mg = milligrammes

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Total releases (including notifiable transfers) | | | | Notifiable transfers | |
|------------|---|----------------------------------|---|----------------|---------------------|-----------------|----------------------|----------------|
| | | | n/a, brt or releases | Metric unit | Method M, C or E | Detailed method | Releases only | Metric unit |
| Inorganics | | | | | | | | |
| 1332-21-4 | Asbestos | 0.1 | | | | | | |
| Organics | | | | | | | | |
| 74070-46-5 | Acetonitrile | To be advised | | | | | | |
| 15792-60-8 | Alachlor | 0.1 | | | | | | |
| 309-00-2 | Aldrin | 0.0005 | | | | | | |
| 120-12-7 | Anthracene | 0.1 | | | | | | |
| 1912-24-9 | Atrazine | 0.05 | | | | | | |
| 71-43-2 | Benzene | 10 | | | | | | |
| 50-32-8 | Benzo(a)pyrene | 1 | | | | | | |
| 205-99-2 | Benzo(b)fluoranthene | 1 | | | | | | |
| 191-24-2 | Benzo(g,h,i)perylene | 0.1 | | | | | | |
| 207-08-9 | Benzo(k)fluoranthene | 1 | | | | | | |
| 42576-02-3 | Bifenox | To be advised | | | | | | |
| 56-23-5 | Carbon tetrachloride (Tetrachloromethane) | 1 | | | | | | |
| 57-74-9 | Chlordane | 0.1 | | | | | | |
| 143-50-0 | Chlordecone | 0.1 | | | | | | |
| 470-90-6 | Chlorfenvinphos | 0.1 | | | | | | |
| 67-66-3 | Chloroform (Trichloromethane) | 5 | | | | | | |
| 2921-88-2 | Chlorpyrifos | 0.1 | | | | | | |
| 28159-98-0 | Cybutryne | To be advised | | | | | | |
| 52315-07-8 | Cypermethrin | 0.005 | | | | | | |
| 50-29-3 | Dichlorodiphenyltrichloroethane (DDT) | 0.0005 | | | | | | |
| 75-09-2 | Dichloromethane (DCM) (Methylene chloride) | 10 | | | | | | |
| 62-73-7 | Dichlorvos | To be advised | | | | | | |
| 15307-86-5 | Diclofenac | To be advised | | | | | | |
| 115-32-2 | Dicofol | To be advised | | | | | | |
| 60-57-1 | Dieldrin | 0.0005 | | | | | | |
| 117-81-7 | Di(2-ethylhexyl)phthalate (DEHP) | 0.1 | | | | | | |
| 330-54-1 | Diuron | 0.05 | | | | | | |
| 115-29-7 | Endosulfan | 0.0005 | | | | | | |
| 72-20-8 | Endrin | 0.0005 | | | | | | |
| 50-28-2 | 17-beta-estradiol (E2) | To be advised | | | | | | |
| 57-63-6 | 17-alpha-ethinylestradiol (EE2) | To be advised | | | | | | |
| 100-41-4 | Ethyl benzene | 10 | | | | | | |
| 107-06-2 | Ethylene dichloride (1,2-Dichloroethane) | 10 | | | | | | |

Part 5 Off-site transfers in wastewater, continued

| CAS number | Substance Common name (Alternative name) | Reporting thresholds in kg | Total releases (including notifiable transfers) | | | | Notifiable transfers | |
|--|---|----------------------------------|---|----------------|---------------------|-----------------|----------------------|----------------|
| | | | n/a, brt or releases | Metric unit | Method M, C or E | Detailed method | Releases only | Metric unit |
| 75-21-8 | Ethylene oxide (1,2-Epoxyethane) | 1 | | | | | | |
| 206-44-0 | Fluoranthene | 0.1 | | | | | | |
| 76-44-8 | Heptachlor (and heptachlor epoxide) | 0.1 | | | | | | |
| 36355-1-8 | Hexabromobiphenyl | 0.1 | | | | | | |
| 25637-99-4 | Hexabromocyclododecane | 0.1 | | | | | | |
| 118-74-1 | Hexachlorobenzene | 0.01 | | | | | | |
| 87-68-3 | Hexachlorobutadiene | 0.1 | | | | | | |
| 608-73-1 | Hexachlorocyclohexane – all isomers | 0.01 | | | | | | |
| 465-73-6 | Isodrin | 0.0005 | | | | | | |
| 34123-59-6 | Isoproturon | 0.01 | | | | | | |
| 58-89-9 | Lindane | 0.1 | | | | | | |
| 2385-85-5 | Mirex | 0.1 | | | | | | |
| 91-20-3 | Naphthalene | 1 | | | | | | |
| 608-93-5 | Pentachlorobenzene | 0.1 | | | | | | |
| 87-86-5 | Pentachlorophenol | 0.05 | | | | | | |
| 1763-23-1 | Perfluorooctane sulphonic acid and its derivatives (PFOS) | 0.1 | | | | | | |
| 124495-18-7 | Quinoxifen | To be advised | | | | | | |
| 122-34-9 | Simazine | 0.01 | | | | | | |
| 886-50-0 | Terbutryn | To be advised | | | | | | |
| 127-18-4 | Tetrachlorethylene | 1 | | | | | | |
| 108-88-3 | Toluene | 10 | | | | | | |
| 8001-35-2 | Toxaphene | 0.1 | | | | | | |
| 12002-48-1 | Trichlorobenzene – all isomers | 0.01 | | | | | | |
| 79-01-6 | Trichloroethylene | 1 | | | | | | |
| 1582-09-8 | Trifluralin | 0.001 | | | | | | |
| 75-01-4 | Vinyl chloride | 1 | | | | | | |
| 1330-20-7 | Xylene – all isomers | 10 | | | | | | |
| Metals and compounds reported as mass of the metal | | | | | | | | |
| 7440-38-2 | Arsenic | 5 | | | | | | |
| 7440-43-9 | Cadmium | 1 | | | | | | |
| 7440-47-3 | Chromium | 20 | | | | | | |
| 7440-50-8 | Copper | 20 | | | | | | |
| 7439-89-6 | Iron (FOR WALES ONLY) | 1000 | | | | | | |
| 7439-92-1 | Lead | 20 | | | | | | |
| 7439-97-6 | Mercury | 0.1 | | | | | | |
| 7440-02-0 | Nickel | 20 | | | | | | |
| 7440-66-6 | Zinc | 100 | | | | | | |

Part 5 Off-site transfers in wastewater, continued

| CAS number | Substance | Reporting thresholds in kg | Total releases (including notifiable transfers) | | | | Notifiable transfers | |
|---|---|-------------------------------|---|-------------|---------------------|-----------------|----------------------|-------------|
| | Common name (Alternative name) | | n/a, brt or releases | Metric unit | Method M, C or E | Detailed method | Releases only | Metric unit |
| Other substance groups – reported as total mass unless otherwise stated | | | | | | | | |
| | Brominated diphenylethers – tetra-, penta-, hexa-, hepta-, octa- and deca-BDE | 0.1 | | | | | | |
| | Chlorides – as Cl | 2,000,000 | | | | | | |
| | Cyanides – as CN | 50 | | | | | | |
| | Dioxins and furans (PCDDs/PCDFs) – as I-TEQ | 0.0001 | | | | | | |
| | Dioxins and furans (PCDDs/PCDFs) – as WHO-TEQ | 0.0001 | | | | | | |
| | Fluorides – as F | 2,000 | | | | | | |
| | Halogenated organic compounds – as AOX | 1,000 | | | | | | |
| | Nitrogen | 50,000 | | | | | | |
| | Nonylphenols and nonylphenol ethoxylates | 1 | | | | | | |
| | Octylphenols and octylphenol ethoxylates | 1 | | | | | | |
| | Organotin compounds – as Sn | 5 | | | | | | |
| | Phenols – phenol and simple substituted – as C | 20 | | | | | | |
| | Phosphorus | 5,000 | | | | | | |
| | Polychlorinated biphenyls (PCBs) | 0.001 | | | | | | |
| | Polychlorinated biphenyls (PCBs) – as WHO-TEQ | 0.0001 | | | | | | |
| | Short chain (C10-C13) chlorinated paraffins (SCCPs) | 0.1 | | | | | | |
| | Total organic carbon (TOC) | 50,000 | | | | | | |
| | Tributyltin and compounds – as TBT | 0.005 | | | | | | |
| | Triphenyltin and compounds – as TPT | 0.1 | | | | | | |

Part 7 Overseas waste transfers**For the calendar year**

7.1 Report any hazardous waste you have transferred overseas for disposal or recovery. There is no reporting threshold.

Quantity

 tonnes

Operation

☐ disposal ☐ recovery

Method

☐ weighing ☐ calculation ☐ estimation

Name of company carrying out the recovery or disposal

Their address

Country

Address of actual site receiving the waste you are transferring

Country

Part 7 Overseas waste transfers, continued

7.2 Report any further overseas transfers of hazardous waste for disposal or recovery.

Quantity

 tonnes

Operation

☐ disposal ☐ recovery

Method

☐ weighing ☐ calculation ☐ estimation

Name of company carrying out the recovery or disposal

Their address

Country

Address of actual site receiving the waste you are transferring

Country

Continue on a separate sheet if you need to.

Part 8 Resource efficiency

This section is voluntary where the main activity is intensive agriculture or waste landfill.

Please complete either section 1, 2 or 3.

Section 1 Approved schemes

If you are reporting under an approved scheme (a scheme administered by a third party that provides information concerning your resource efficiency and has been formally agreed with the Environment Agency) please provide the following details:

| Name of scheme | Your reference or membership number |
|----------------|-------------------------------------|
| | |

Section 2 Alternative to REPI reporting

Please answer the questions below:

| Metric | Response | Comments |
|---|--|----------|
| A Do you have policies and procedures in place for resource efficiency? | Yes <input type="checkbox"/> No <input type="checkbox"/> | |
| B Do you have systems in place to monitor compliance with procedures for resource efficiency? | Yes <input type="checkbox"/> No <input type="checkbox"/> | |
| C Have you set Key Performance Indicators (KPIs) to assess performance? | Yes <input type="checkbox"/> No <input type="checkbox"/> | |
| D Are you achieving your KPIs? | Yes <input type="checkbox"/> No <input type="checkbox"/> | |
| Please enter your ranking using the following scale: 1 You have answered 'yes' to points A to D above. 2 You have answered 'yes' to points A to C above, and provided explanation on why KPIs were not achieved for point D. 3 Any other response. | 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> | |
| Please provide any further explanation you wish. | | |

Section 3 REPI reporting

Further information and guidance notes on interpreting the REPI metrics can be found on our website under Business and Industry, Environmental Topics, Resource Efficiency.

| Metric | Quantity | Unit (per annum) | Is it confidential? |
|---|----------|---|--------------------------|
| 1 Commercial output | | | |
| a Total output from the economic activity | | tonnes | <input type="checkbox"/> |
| | | MWh for commercial electricity products | <input type="checkbox"/> |
| 2 Raw materials consumption | | | |
| a Gross total raw materials consumption | | tonnes | <input type="checkbox"/> |
| b Net total raw materials consumption (you do not have to answer this) | | tonnes | <input type="checkbox"/> |
| 3 Energy consumption | | | |
| a Gross total energy consumption | | MWh | <input type="checkbox"/> |
| b Grid electricity consumption | | MWh | <input type="checkbox"/> |
| c Electricity production | | MWh | <input type="checkbox"/> |
| d Gas consumption | | MWh | <input type="checkbox"/> |
| e Oil consumption | | MWh | <input type="checkbox"/> |
| f Coal consumption | | MWh | <input type="checkbox"/> |
| g Non-fossil energy and fuel consumption (you do not have to answer this) | | MWh | <input type="checkbox"/> |
| h Net total energy used | | MWh | <input type="checkbox"/> |

Part 8 Resource efficiency, continued

| Metric | Quantity | Unit (per annum) | Is it confidential? |
|--|----------|------------------|--------------------------|
| 4 Water consumption | | | |
| a Gross total water used | | m ³ | <input type="checkbox"/> |
| b Net water used | | m ³ | <input type="checkbox"/> |
| c Mains | | m ³ | <input type="checkbox"/> |
| d Direct abstraction | | m ³ | <input type="checkbox"/> |
| 5 Waste produced | | | |
| a Gross waste produced (tonnes each year) | | tonnes | <input type="checkbox"/> |
| b Hazardous waste transferred for disposal | | tonnes | <input type="checkbox"/> |
| c Hazardous waste transferred for recovery | | tonnes | <input type="checkbox"/> |
| d Non-hazardous waste transferred for disposal | | tonnes | <input type="checkbox"/> |
| e Non-hazardous waste transferred for recovery | | tonnes | <input type="checkbox"/> |
| f Net total waste produced | | tonnes | <input type="checkbox"/> |

Part 9 Qualification and declaration**9.1 Qualification notes**

Please let us know why your releases and transfers have changed from previous years. Continue on a separate sheet if you need to.

9.2 Declaration

If you make a statement that is false or misleading, you may be committing an offence under Environmental Permitting (England and Wales) Regulations 2010, Regulation 60 (1).

I declare that as far as I know, the information on this form is true.

Tick this box to confirm that you understand and agree with the declaration above. ☐

Name

Title (Mr, Mrs, Miss and so on) _____

First name _____

Last name _____

Position

Today's date (DD/MM/YYYY)

Part 9 Qualification and declaration, continued**9.3 What happens next**

Send the filled-in form and any other documents to your local Environment Agency office. Remember to keep a copy for your own records.

9.4 The Data Protection Act 1998

We, the Environment Agency, will process the information you provide to:

- create, maintain and publish your Pollution Inventory report;
- meet the requirements of the E-PRTR; and
- keep the public registers up to date.

We may also process or release the information to:

- offer you documents or services relating to environmental matters;
- consult the public, public organisations and other organisations (for example, the Health and Safety Executive, local authorities, the emergency services, the Department for Environment, Food and Rural Affairs) on environmental issues;
- carry out research and development work on environmental issues;
- provide information from the public register to anyone who asks;
- prevent anyone from breaking environmental law, investigate cases where environmental law may have been broken, and take any action that is needed;
- assess whether customers are satisfied with our service, and to improve our service; and
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows).

We may pass the information on to our agents or representatives to do these things for us.